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Applicant(s): ANDERSON et al.

Serial No.: 10/061,969

Filed: January 25, 2002

Title: Microarrays and Their Manufacture by

Slicing

Attorney Docket No.: 41550

Group Art Unit: 1641

Examiner: Christopher L. CHIN

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

<u>INFORMATION DISCLOSURE STATEMENT</u> <u>UNDER 37 CFR 1.97 AND 1.98</u>

Sir:

Attached hereto are copies of Forms 1449 and Forms 892 that were submitted to or cited by the U.S. Patent and Trademark Office in Application No. 09/774,794, filed February 1, 2001; Application No. 09/772,974, filed January 31, 2001; Application No. 09/628,339, filed July 28, 2000; and Application No. 09/482,460, filed January 13, 2000, which relied upon for an earlier filing date under 35 U.S.C. 120. Thus, copies of these cited references are not attached since they are available in the parent files. 37 CFR 1.98(d).

It is respectfully requested that the cited information on the attached Forms 1449 and Forms 892 be expressly considered during the prosecution of this application, and that the references be made record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

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representation is being made that a search has been conducted or that this statement encompasses

all the possible relevant information.

Applicant believes that <u>no fee is required</u> for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is hereby authorized to charge payment of \$180.00 under 37 CFR 1.17(p) in connection with the instant application to Deposit Account No. 500933.

Date: 20 April 2008

Respectfully submitted,

Thomas Gallegos, Reg. No. 32,692

Sr. Director, Intellectual Property

Large Scale Biology Corporation 3333 Vaca Valley Parkway, Suite 1000

Vacaville, CA 95688 Tel.: (707) 469-2307 Fax: (707) 446-3917

I hereby certify that this Correspondence is being deposited with the United States Postal service with sufficient postage for first class mail in an envelope address to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Date of Deposit:

Thomas Gallegos, Reg. No. 32,692

Notice of References Cited

Application/Control No.

09/774,794

Examiner

Nelson Yang

Applicant(s)/Patent Under
Reexamination
ANDERSON ET AL.

Art Unit
Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	Α	US-6,129,896	10-2000	Noonan et al.	422/82.05
	В	US-6,037,186	03-2000	Stimpson, Don	436/518
	С	US-6,534,270	03-2003	Kim et al.	435/6
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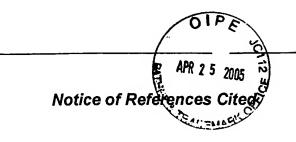
FOREIGN PATENT DOCUMENTS

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U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	Α	US-6,140,135	10-2000	Landegren et al.	436/518
	В	US-6,366,726	04-2002	Wach et al.	385/115
	C	US-4,459,360	07-1984	Marinkovich, Vincent A.	436/513
	D	US-4,981,653	01-1991	Marino, Rebecca A.	422/56
	E	US-6,210,910	04-2001	Walt et al.	435/7.32
	F	US-6,174,424	01-2001	Wach et al.	205/73
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				U.S. PATENT DOCUM	ENIS	
*		Document Number Country Code-Number-Kind Code	Date MM		Name	Classification
	Α	US-6187537	02-2001	Zinn et al.		435/6
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Application/Control No. O9/772,974 Applicant(s)/Patent Under Reexamination ANDERSON ET AL. Examiner Gary W. Counts Applicant(s)/Patent Under Reexamination ANDERSON ET AL. Art Unit Page 1 of 1

US PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	Α	US-6020026	02-2000	Birch et al	427/287
	В	US-4264408	04-1981	Benham et al	156/629
	O	US-5512131	04-1996	Kumar et al	156/655.1
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Notice of References Cited	Examiner Chris Chin	Art Unit	Page 1 of 1

U.S. PATENT DOCUMENTS

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Norman G. ANDERSON

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Notice of References Cited

Applicant/Patent Anderson et al	Application/Control No. 09/628,339			
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U.S. PATENT DOCUMENTS

_	T	Document Number	PANONIA	U.S. PATENT DOCUMENTS	
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Ferguson et al., "A fiber-optic DNA biosensor microarray for the analysis of

gene expression." Nat Biotech (1996) 14:1681-1684.

DATE CONSIDERED EXAMINER

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Norman G. ANDERSON FILING DATE July 28, 2000

APPLICANT

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Norman G. ANDERSON

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U.S. DEPARTMENT OF COMMERCE

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Form PPO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. 40583

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